

ABSTRACT OF THE DISCLOSURE

A bit stream is converted into an ES by a demultiplexer 12. The ES is decoded by a decoder 13 and becomes a digital video signal and displayed on a monitor 14. In case of outputting an MPEG stream of a trick play, in an output control unit 16, an output mode such as FF, FR, slow reproduction, or the like is determined and information of the output mode is supplied to an analyzing/rewriting unit 15. The analyzing/rewriting unit 15 reads the stream on a picture unit basis, analyzes a picture header, and executes processes necessary for realizing the output mode according to the mode information from the output control unit 16. In case of outputting the trick play stream, in order to obtain the bit stream adapted to the MPEG standard, a value of temporal_reference in the picture header is rewritten to a correct value and a value of vbv_delay is invalidated. A trick play output which satisfies encoding regulations is generated, thereby enabling the stream of the trick play output to be decoded by an existing decoder.

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